

United States Environmental Protection Agency
Washington, D.C. 20460

Transaction Code		NPDES										yr/mo/day					Inspection Type		Inspector		Fac Type							
1	N	2	5	3	I	D	0	0	2	2	0	6	3	11	12	1	3	0	5	2	1	17	18	C	19	S	20	1
Remarks																												
21																												
66																												
Inspection Work Days						Facility Self-Monitoring Evaluation Rating						BI		QA		Reserved												
67	7	0	69	70	3	71	N	72	N	73		74		75						80								

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) City of Nampa Wastewater Treatment Plant 340 W. Railroad St. Nampa, Idaho 83687	Entry Time/Date 9:00:00 AM 5/21/2013	Permit Effective Date 2/1/1999
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Numbers Mr. Greg Pearce - WWTP Superintendent City of Nampa Wastewater Treatment Plant Phone # 208-468-5843 Fax # 208-467-9194	Exit Time/Date 4:00 p.m. 5/21/2013	
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Greg Pearce - WWTP Superintendent City of Nampa Wastewater Treatment Plant Phone # 208-468-5843 Fax # 208-467-9194	Permit Expiration Date 2-Feb-04 Other Facility Data (e.g., SIC, NAICS, and other descriptive information) SIC: 4952 (Sewage System) NAISC: 221320 (Sewage Treatment Facilities)	
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Greg Pearce - WWTP Superintendent City of Nampa Wastewater Treatment Plant Phone # 208-468-5843 Fax # 208-467-9194	Contacted <input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No	

X	Permit	X	Self-Monitoring Program	X	Pretreatment	MS4
X	Records/Reports		Compliance Schedule		Pollution Prevention	
X	Facility Site Review	X	Laboratory		Storm Water	
X	Effluent/Receiving Waters	X	Operations & Maintenance		Combined Sewer Overflow	
X	Flow Measurement	X	Sludge Handling/Disposal		Sanitary Sewer Overflow	

SEV Codes	SEV Description

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JUL 16 2013
Inspection & Enforcement Management Unit
(IEMU)

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
Michael Spomer <i>Michael Spomer</i>	IDEQ- State Office /208-373-0232/208-373-0143	5/29/2013
A.J. Maupin, P.E. <i>A.J. Maupin P.E.</i>	IDEQ State Office / 208-373-1067 / 208-373-0576	4 June 2013

ICIS.

7-17-2013

Y. Brown

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**NPDES
INSPECTION REPORT
WASTEWATER TREATMENT FACILITY**

City of Nampa

Permit Number: ID-002206-3

INSPECTION DATE: May 21, 2013

REPORT DATE: May 29, 2013

**Prepared By
Michael Spomer
Technical Services
Idaho Department of Environmental Quality**



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JUL 16 2013

Inspection & Enforcement Management Unit
(IEMU)

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I. Facility Information

Facility Name: City of Nampa

Facility Type: Sewage Treatment Plant

Facility Location: City of Nampa Wastewater Treatment Plant
340 W. Railroad St.
Nampa, Idaho 83687

Mailing Address: City of Nampa
411 3rd St. South
Nampa, Idaho 83687

Facility Contacts: Greg Pearce – Superintendent
PEARCEG@CityofNampa.us

Facility Numbers: Telephone: (208) 468-5843

Permit Number: ID-002206-3

Permit Status: Permit became effective on February 1, 1999 and expired on February 2, 2004. A permit re-application was submitted on July 28, 2003. The permit has been administratively extended.

SIC Code: 4952

II. Inspection Information

Inspection Date/Time: May 21, 2013 – 9:00 a.m. to 4:00 p.m.

Inspectors: Mike Spomer (DEQ – Tech Service)
David Domingo – EPA
Stacey Erickson – EPA

City of Nampa Representative : Greg Pearce – WWTP Superintendent
Armando Martinez – Lab Manager

Weather: Overcast skies and 68⁰ F

Purpose: Determination of compliance with the NPDES permit and the Clean Water Act.

III. Inspection Entry

I contacted Mr. Pearce on May 7, 2013 to schedule the date of May 21, 2013 for an inspection. Mr. Pearce was agreeable to hold the inspection on that date.

On May 21, 2013, Mr. David Domingo, Ms. Stacey Erickson (both with the US EPA), and I arrived at the City of Nampa Wastewater Treatment Plant (WWTP) at 9:00 a.m. and met with Mr. Pearce. I presented my credentials and identified myself as the certified NPDES inspector who would be conducting the inspection on behalf of EPA. I indicated that Mr. Domingo and Ms. Erickson were there to observe how the State of Idaho conducts an NPDES inspection and to assist in the inspection, if necessary.

I explained the purpose of the inspection and requested permission to inspect the facility. Mr. Pearce agreed to allow us access to the facility.

IV. Inspection Chronology

The May 21, 2013 Inspection began with an opening conference where I discussed the specific areas that I would be reviewing during the inspection. I presented Mr. Pearce a list of documents I would like to review while on site. Mr. Pearce indicated he would gather the requested documents as we inspected the plant. Mr. Pearce then described the wastewater flows and treatment process for the wastewater received from the City of Nampa. After his presentation, I asked Mr. Pearce several questions concerning the status of the permit re-application, and general operational questions.

At this point, we began our facility inspection of the wastewater treatment operations. The inspection included the general water treatment units, the solids handling system, and observation of the upstream Indian Creek sampling station. (Because the Indian Creek flow metering station was off site, Mr. Pearce escorted us off site after the closeout meeting to observe the flow meter station). The facility on-site inspection concluded with a tour of the analytical lab.

After the facility on-site inspection, we returned to the conference room where we began reviewing the documents requested at the start of the inspection. Mr. Pearce provided a copy of the Operation Manual and the Quality Assurance Plan (QAP) for our review.

The facility was discharging at the time of the inspection. See the attached photo log of our inspection observations.

Prior to leaving the treatment facility, I conducted a closing conference with Mr. Pearce where I summarized the observations from the inspection. We left the facility and drove to observe the Indian Creek flow metering station. Following that observation, Mr. Domingo, Ms. Erickson, and I left the area of the City of Nampa wastewater treatment facility. The time was approximately 4:00 p.m.

V. Owner and Operator Information

The facility is owned and operated by the City of Nampa. It services the City of Nampa, which includes domestic and non-domestic wastewater sources.

The City of Nampa has submitted their NPDES re-application, and the permit has been administratively extended until the new permit is issued.

VI. Background

The NPDES permit authorizes the facility to discharge to Indian Creek via Outfall No. 001. As noted in the permit, the Outfall No. 001 is located at Latitude: 43° 35' 50"N, Longitude: -116° 34' 52"W.

The NPDES permit allows the City of Nampa to discharge to Indian Creek year round. Discharge limits for Total Residual Chlorine and Total Ammonia are adjusted based on the flow in Indian Creek.

According to Mr. Pearce, the City of Nampa Wastewater Plant has a current treatment flow rate of 9.5 – 10 MGD, and the plant has been upgraded to handle a design flow of 18 MGD. The influent flow is dependent on two, large non-domestic wastewater sources (sugar beet and potato processor plants). Mr. Pearce estimated the Infiltration and Inflow (I&I) at approximately 0.5 MGD. The storm water collection system is separate from the sanitary sewers.

The City of Nampa is currently in the design phase for upgrading and modifying the facility to reduce its phosphorus discharge concentrations. Construction and facility modifications are scheduled to begin in spring of 2015.

VII. Waste Management Process

Current Waste Management:

The City of Nampa collects the sanitary waste in underground sewers throughout the City of Nampa. There are four (4) collection mains and one lift station servicing the City of Nampa. The City of Nampa receives non-domestic wastewater from approximately ten (10) companies including a large sugar beet processing facility and a potato processing facility.

All influent flow is screened to remove debris and grit. A flow proportional composite sampler is used to collect the daily influent water sample. The solids removed are collected and shipped to the local landfill for disposal. The screened wastewater then flows to one of three (3) primary clarifiers, normally one is online and the other two offline. They are switched annually.

From the primary clarifier, the water is pumped to three (3) trickling filters. From the trickling filters, the wastewater is pumped to two (2) secondary clarifiers. From the secondary clarifiers, the water is pumped to one of two denitrification aeration basins. From the aeration basin, the water is pumped to two of three final clarifiers. The final clarifier overflow is chlorinated as it enters the chlorine contact chamber. Prior to discharge to Indian Creek, the water is dechlorinated and aerated. A flow proportional effluent composite sample is collected at the discharge.

The solids that are purged from the clarifiers are collected and processed through two anaerobic digesters. A portion of the methane gas generated in the digester is collected and used as fuel in the facility boilers. The excess gas is sent to a flare stack. The biosolids are processed through a belt press in the winter months and through sludge

drying beds in the summer months. The solids are shipped by truck to the Idaho Waste Systems Class D Landfill in Elmore County, Idaho. The facility shipped 1324 dry tons of biosolids in 2012. They have submitted the biosolids annual report as required under Part I.E.13 of the permit.

The facility is equipped with three (3) large emergency generators to provide backup power when required.

Operations and Maintenance Plan Review:

During the inspection, Mr. Pearce was able to provide a current copy of the Operations and Maintenance Plan. There were no issues noted with the Operations and Maintenance Plan.

Quality Assurance Plan (QAP) Review:

During the inspection, Mr. Pearce was able to provide a current copy of a QAP.

Future Waste Management:

The City of Nampa has begun designing the upgrades and modifications to the wastewater treatment plant to meet the new phosphorus loading limits for discharging into Indian Creek. The facility plans to start construction in 2015.

VIII. Facility Sample Collection and Analyses

All influent and effluent water samples are collected by the City of Nampa operations and laboratory staff. The City of Nampa lab performs all the analysis in the permit except the heavy metals and TKN. These samples are sent under a chain of custody to either City of Boise –West Wastewater Treatment Plant Lab (11818 Joplin Road, Boise, Idaho) or to Analytical Labs (1802 N. 33rd Street, Boise, Idaho).

The City of Nampa performs the following testing at its on-site lab: Biological Oxygen Demand (BOD₅), Total Suspended Solids (TSS), Fecal Coliform, *Escherichia coli* (*E. coli*), Total Residual Chlorine, Total Phosphorus (P), and Total Ammonia (N), Dissolved Oxygen (DO), pH, and Oil and Grease.

Whole Effluent Toxicity (WET) testing is performed semi-annually. The testing is performed off site at Analytical Labs in Boise.

During the review of the lab facilities, the lab was able to produce records for calibration testing of all instrumentation except the incubation oven. A check of the pH buffer solutions, used in the lab, confirmed the solutions were still within their expiration date.

As part of the document review, the facility was able to produce the calibration records for the influent and effluent flow meters for the past three years. No issues were noted with the calibration.

The City prepares their DMRs and submits them via electronic format through NetDMR. During the document review, it was confirmed that Mr. Greg Pearce and the Assistant Superintendent have been authorized by the Mayor and City Council to sign the DMR forms for the City.

IX. Areas of Concern

This inspection included a review of the treatment system, the sample collection and analytical procedures, and the documentation required by this permit. During the course of this inspection, the following areas of concern were identified:

A. Quality Assurance Plan (QAP) Part I. F. of the Permit specifies that the permittee develop a QAP for all monitoring requirements identified in the Permit. At a minimum, the QAP must include the following:

- Item 4:
 - i. Sampling techniques (field blanks, replicates, duplicates, control samples, etc.).
 - ii. Sampling preservation methods.
 - iii. Sampling shipment procedures.
 - iv. Instrument calibration procedures and preventive maintenance (frequency, standard, spare parts).
 - v. Qualifications and training of personnel.
 - vi. Analytical methods (including quality control checks, quantification/detection levels).
 - vii. Analytical test methods that will be used to achieve the method detection limits in Section I.B.5
- Item 5: Name(s), address(es), and telephone number(s) of the laboratory, used by or proposed to be used by the permittee, shall be specified in the Quality Assurance Plan.
- Item 6: The permittee shall require the laboratory director of each laboratory, providing measurement results in support of this permit, to sign and submit to EPA the following statement on a monthly basis with the DMR:

I certify that this data is in compliance with requirements under 40 CFR 136 and other analytical requirements specified in NPDES permit No. ID-002206-1.

Signature: _____

Date: _____

At the time of the inspection, the following areas of concern were noted:

1. The QAP had not been updated to include the analysis performed by the outside lab for TKN. ITEM #4
2. The QAP did not include the required information for the West Boise Lab being used by the City of Nampa for heavy metals and TKN analysis. ITEM #5
3. The City of Nampa has not included the required statement and signature of the outside labs used to provide data in the DMRs. ITEM #6
4. As a result of the March 2010 NPDES Inspection, which noted the lab methods were not included on the daily work sheets, the City of Nampa revised the work sheets to include the methods used to run the analysis. These revised sheets were not in the QAP at the time of this inspection. ITEM #4
5. The QAP did not include the temperature calibration testing performed for their incubation units. ITEM #4

My concern is the QAP did not include all the information specified in Part I. F. of the Permit.

B. Reporting of Monitoring Results specifies that the permittee submit the following information with their Discharge Monitoring Reports:

- Part I.A.7 and Part I.A.8:
 - i. Individual Indian Creek flow rates;
 - ii. The maximum daily limit for each Indian Creek flow rate;
 - iii. Individual effluent values for total residual chlorine and total ammonia (as N);
 - iv. Monthly average Indian Creek flow rate;
 - v. Average monthly effluent limit;
 - vi. Average monthly effluent flow volume;
 - vii. Average monthly effluent concentration and loading of total residual chlorine and total ammonia (as N).

The City of Nampa has not included the required reporting for the Indian Creek Total Residual Chlorine and Total Ammonia (as N) with the monthly DMRs.

My concern is the City of Nampa failed to submit true, accurate, and complete DMRs as specified in Parts I.A.7 and I.A.8.

- Part II.C of the Permit specifies that the permittee must summarize monitoring results each month on the Discharge Monitoring Report (DMR) and sign and certify that the DMRs are true, accurate, and complete.

At the time of the inspection, the March 2013 DMR was reviewed along with corresponding analytical data (i.e., daily lab work sheets, and monthly spreadsheet data, etc.). The following deficiencies were noted:

- The instantaneous maximum concentration for total residual chlorine was listed and not the daily maximum concentration.
- The average weekly limit for Fecal Coliform was not listed.

- The calendar week was not defined.
- The calculation for the 85% removal determination for BOD and TSS were based on average loading values and not the average concentration values, as specified in Part 1.5 of the permit.

My concern is the City of Nampa failed to submit true, accurate, and complete DMRs as specified in Part II.C.

- Part II.E of the Permit specifies that if the permittee monitors any pollutant more frequently than required by the permit, the results of this monitoring shall be included in the calculations and reporting of the data submitted in the DMR or Biosolids Report.

The City of Nampa has not been including the additional testing performed for all parameters in Table 1 of the permit.

My concern is the City of Nampa failed to submit true, accurate, and complete DMRs as specified in Part II.E.

- C. Design Criteria Requirements Part I.G of the Permit specifies the permittee shall compute an annual average value for flow, BOD, and TSS loadings entering the facility based on the previous twelve (12) months data or all data available, whichever is less.

At the time of the inspection, the City of Nampa could not produce the data or annual average required under this section of the permit.

My concern is that the Design Criteria Requirement had not been prepared and used to evaluate the status of the plant design and the potential need to submit a new facility plan.

- D. Effluent Limitations and Monitoring Requirements Part I.A.1 of the Permit specifies the permittee is authorized to discharge wastewater into Indian Creek from Outfall 001 provided the discharge meets the limitations and monitoring requirements set forth herein. The discharge limit for Total Ammonia (as N) is referenced in Part I.A.8. Table 2. At a receiving Water Flow (Indian Creek) of 16-36 cfs, the Average Monthly Limit is 0.09 mg/L (88.3 lbs/day) and the Maximum Daily Limit is 2.0 mg/L (196.2 lbs/day).

- Permittee self-reported the following exceedances of the Total Ammonia (as N) Effluent Limits for a Indian Creek flow of 16-36 cfs

Date	Max. Daily Limit (2.0 mg/L)	Max. Daily Limit (196.2 lbs/day)
December 26, 2012	3.42	300
January 3, 2013	2.49	189.1
January 4, 2013	2.19	8.5
January 13, 2013	9.57	833.6
January 14, 2013	2.84	249.2

Note: Red values indicate permit limit exceedance.

My concern is that the permittee exceeded the Total Ammonia (as N) limits in the discharge to Indian Creek one day in December 2012 and on four days in January 2013.

X. Additional Observations

A. Quality Assurance Plan (QAP) Part I.F of the Permit specifies that the permittee develop a QAP for all monitoring requirements identified in the Permit. At a minimum, the QAP must include the following:

- Item 4:
 - Sampling techniques (field blanks, replicates, duplicates, control samples, etc.);
 - Sampling preservation methods;
 - Sampling shipment procedures;
 - Qualifications and training of personnel.

During the review of the analytical data submitted from Analytical Labs for non-routine sample analysis, dated March 21, 2013, the Chain of Custody did not record the temperature of the samples as received at the lab.

- The observation is that the lab personnel review all Chain of Custody forms issued and received for outside analytical work against the requirements of the QAP and the appropriate test methods.

During the review of the Training program for the lab personnel, the QAP did contain a written description of the training requirements for the lab staff. Based on discussions with the lab manager and staff, the training is on-the-job / hands-on training.

- There was no written confirmation that the lab staff had completed the required training and Mr. Armando Martinez, the manager of the lab, indicated that no records are placed in the personnel file confirming completion of the training. Written documentation of any training is a good practice and will further enhance the QAP requirements.

B. Specific Limitations and Monitoring Requirements Part I A.7. Table 1 of the permit lists the Indian Creek Total Residual Effluent Limits.

- There is a typo error in the first box for Indian Creek flow. It should list the flow at 0 -<16 cfs, and not 0-<1 cfs.

XI. Inspection Sampling

Samples were not collected by DEQ at the time of this inspection (May 21, 2013).

Report Completion Date: June 7, 20013

Lead Inspector Signature:

Michael Spomer

**Michael Spomer
Technical Services
Idaho Department of Environmental Quality**

Photographic Documentation

Name of Facility: City of Nampa WWTP

Inspector(s): Mike Spomer

Inspection Date: Tuesday, May 21, 2013

Purpose of Inspection: NPDES Compliance Inspection



Publish Date: Wednesday 29 May 2013

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Photograph 1: Influent Grit Chamber



Photograph 2: Influent Grit Chamber



Photograph 3: Waste Hauler Dump Station - looking south



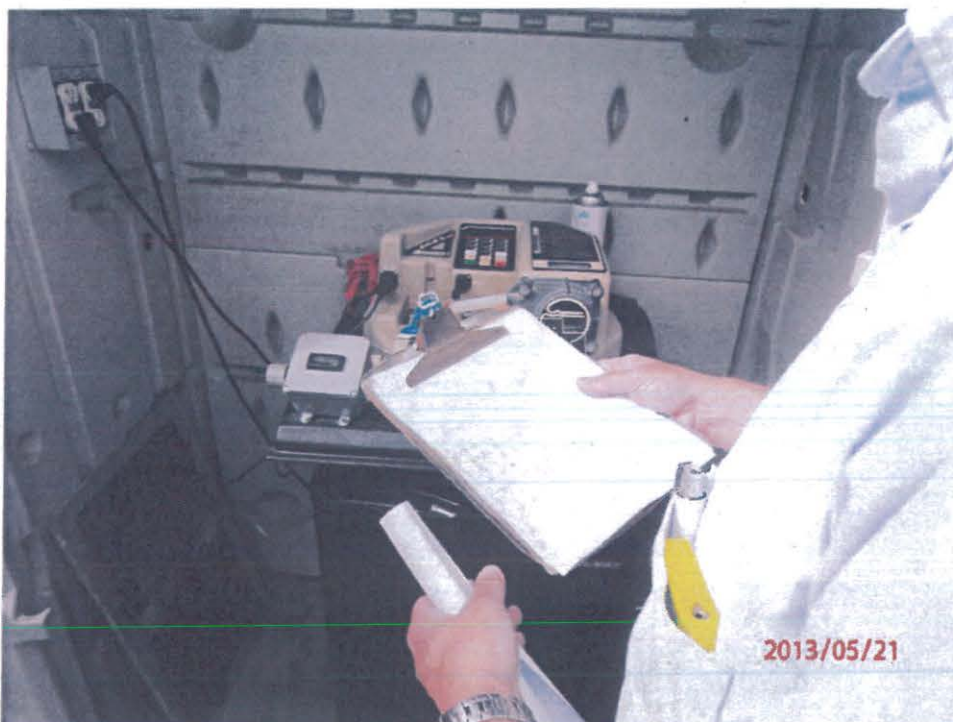
Photograph 4: Influent solids removal and collection station



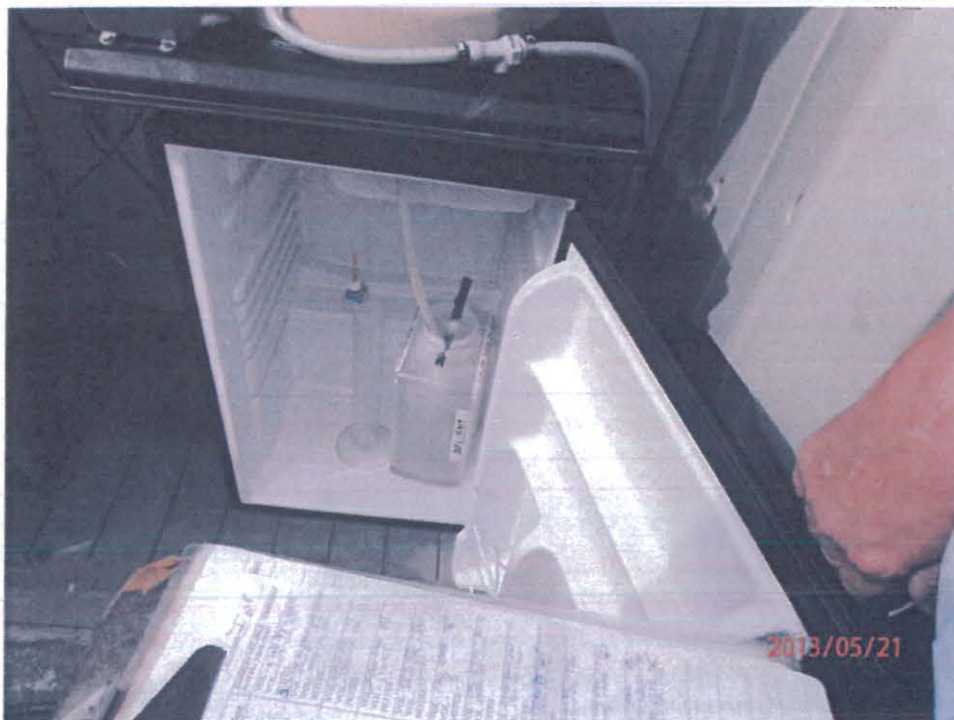
Photograph 5: #1 Primary Clarifier - looking east



Photograph 6: Overflow of #1 Primary Clarifier



Photograph 7: Influent composite sampler - flow proportional



Photograph 8: Influent composite sampler collection bottle



Photograph 11: One of 3 Trickling filters - looking northeast



Photograph 12: One of 3 Trickling filters - looking east



Photograph 13: Trickling Filter Effluent pumps



Photograph 14: Secondary Clarifier - looking west



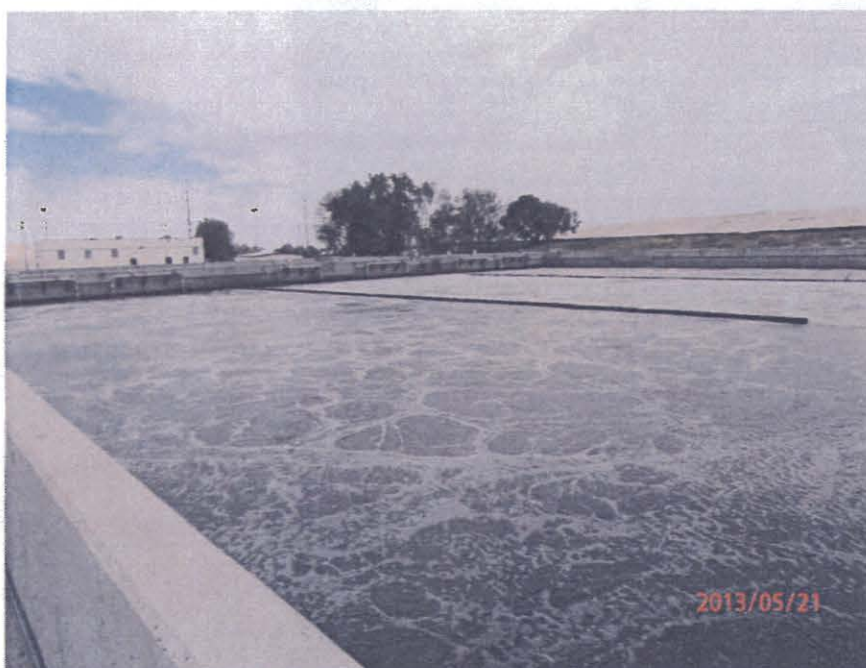
Photograph 15: Secondary Clarifier - looking southeast



Photograph 16: The upstream receiving water body sampling location on Indian Creek. The two pipes are from the TASCO sugar beet factory.



Photograph 17: Aeration basin - looking north



Photograph 18: Aeration basin - northwest



Photograph 19: Spare aeration basin - looking west



Photograph 20: Spare aeration basin - looking north



Photograph 21: Tertiary Clarifier overflow - looking north



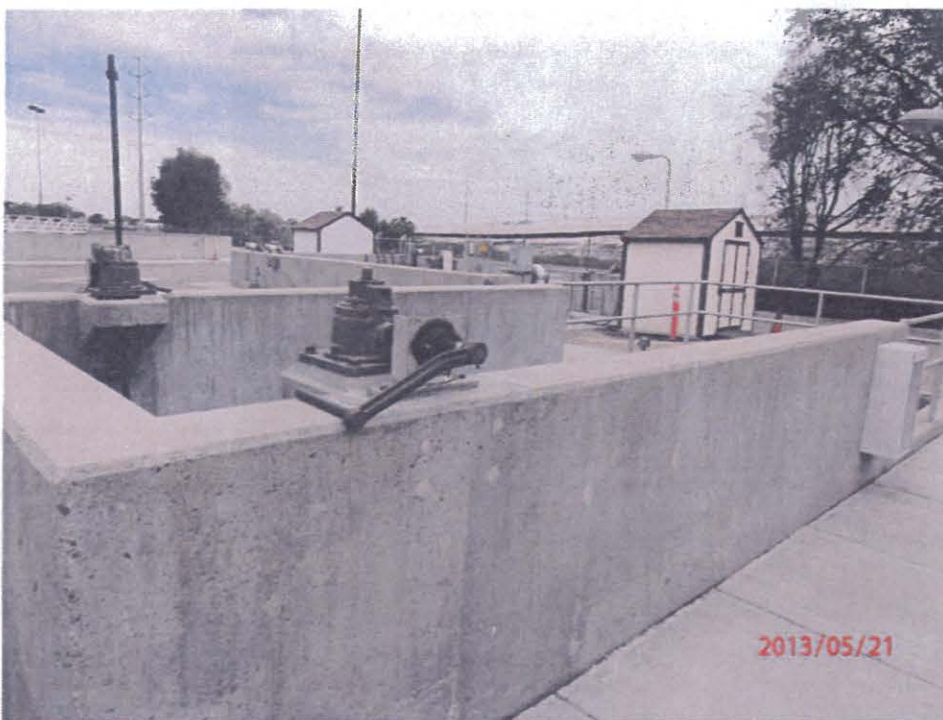
Photograph 22: Tertiary Clarifier - looking southwest



Photograph 23: Tertiary Clarifier name plate



Photograph 24: Chlorine Contact Chamber overflow



Photograph 25: Dechlorination station and plant effluent metering station - looking northwest



Photograph 26: Continuous Chlorine residual meter at overflow of chlorine contact chamber



Photograph 27: Effluent basin with aeration



Photograph 28: Effluent flow proportional composite sample controller

[illegible]

Photograph 29: Effluent composite sampler operator log sheet



Photograph 30: Effluent pipe outlet just prior to Indian Creek



Photograph 31: Effluent outfall into Indian Creek - looking north



Photograph 32: Effluent outfall into Indian Creek - looking east



Photograph 33: Indian Creek downstream of effluent discharge



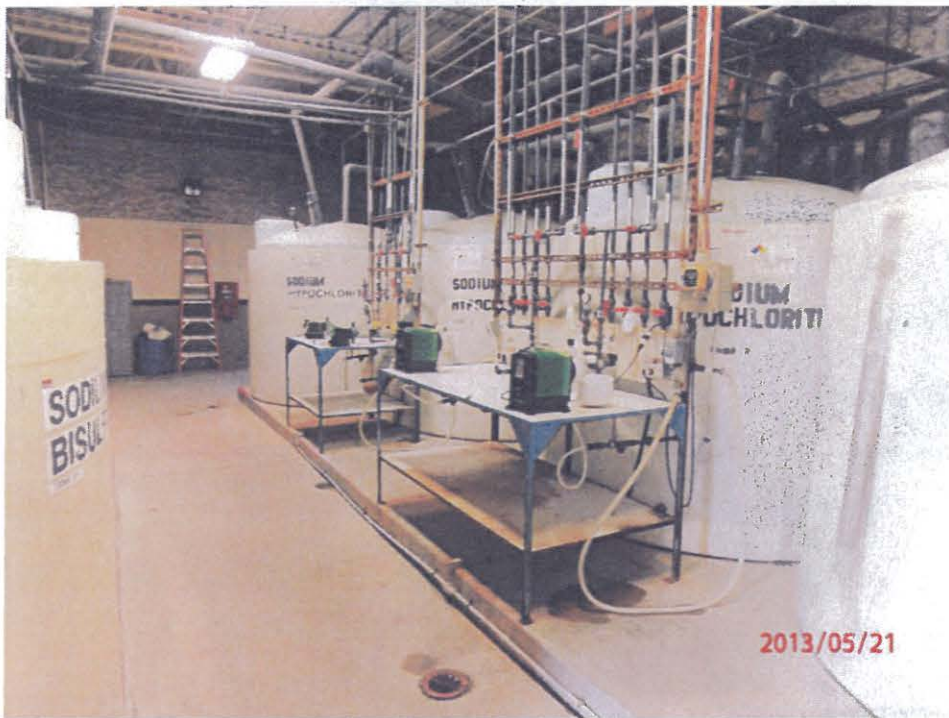
Photograph 34: Effluent pipe outlet just prior to Indian Creek



Photograph 35: Chlorine Contact Chamber outfall



Photograph 36: Chlorine Contact Chamber



Photograph 37: Treatment chemical storage and pumping building



Photograph 38: Dissolved Oxygen Floatation (DAF) sludge overflow



Photograph 39: DAF sludge removal tank - looking south



Photograph 40: Biosolids Belt Press



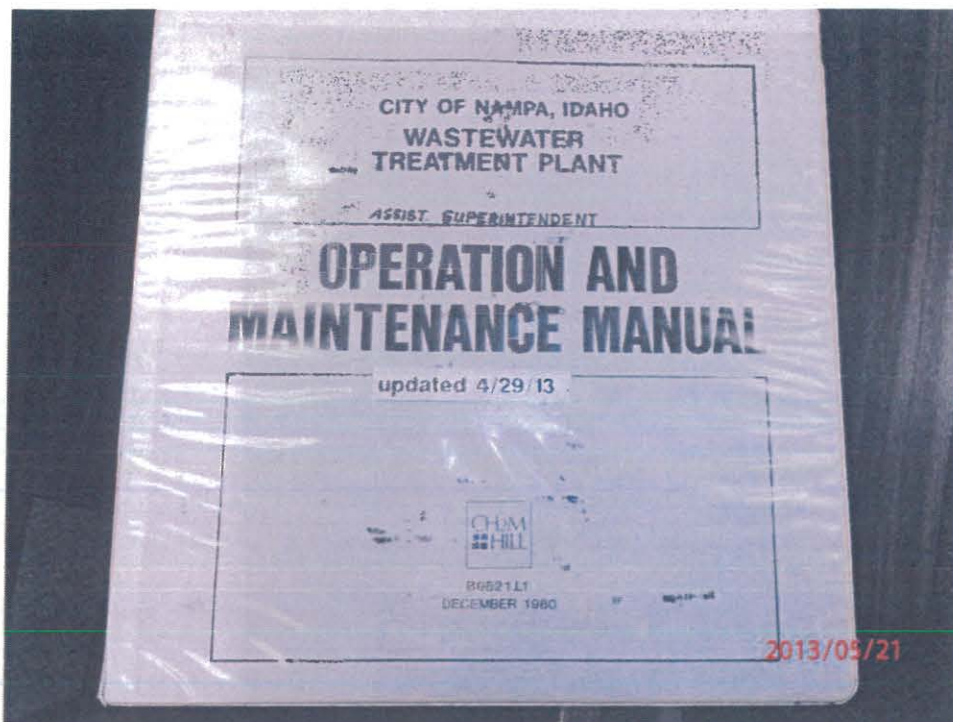
Photograph 41: Emergency Backup generators



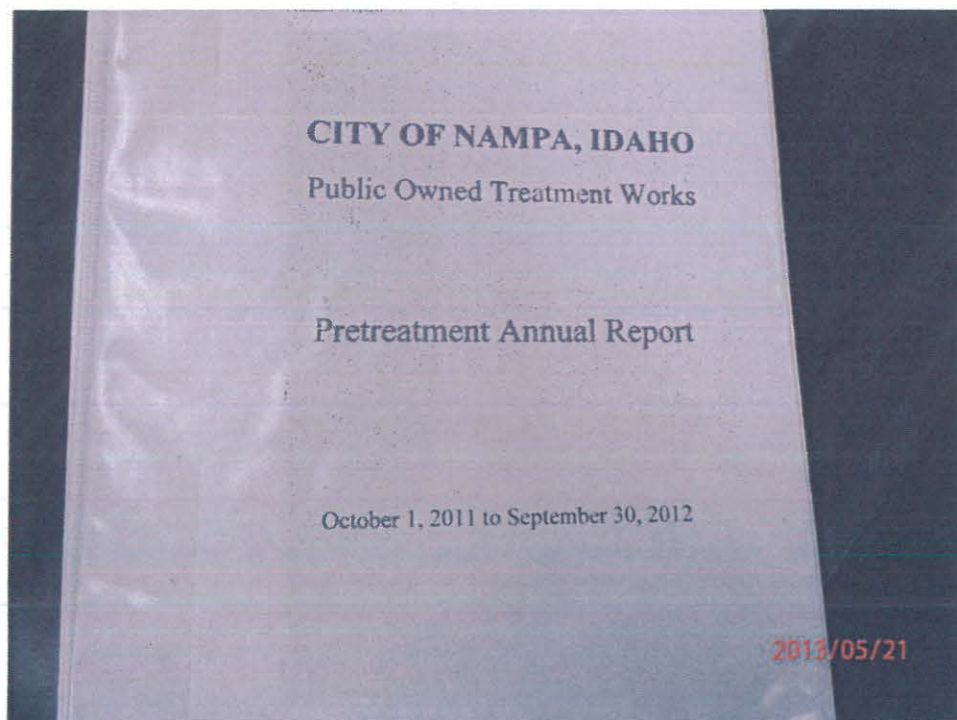
Photograph 42: Emergency Backup generators



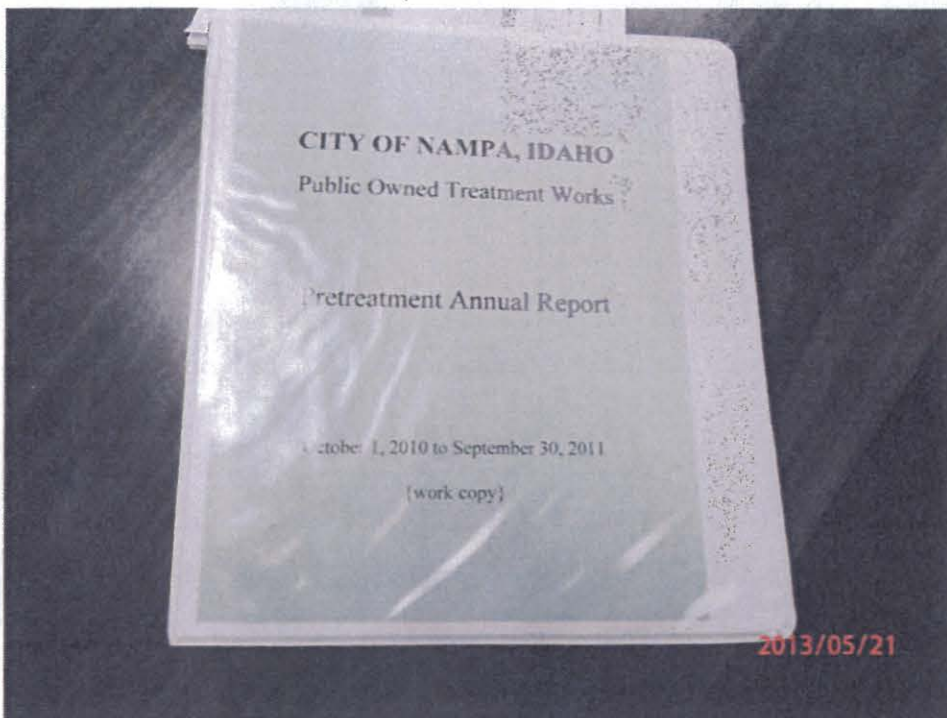
Photograph 43: Heat transfer units for Anaerobic Digester



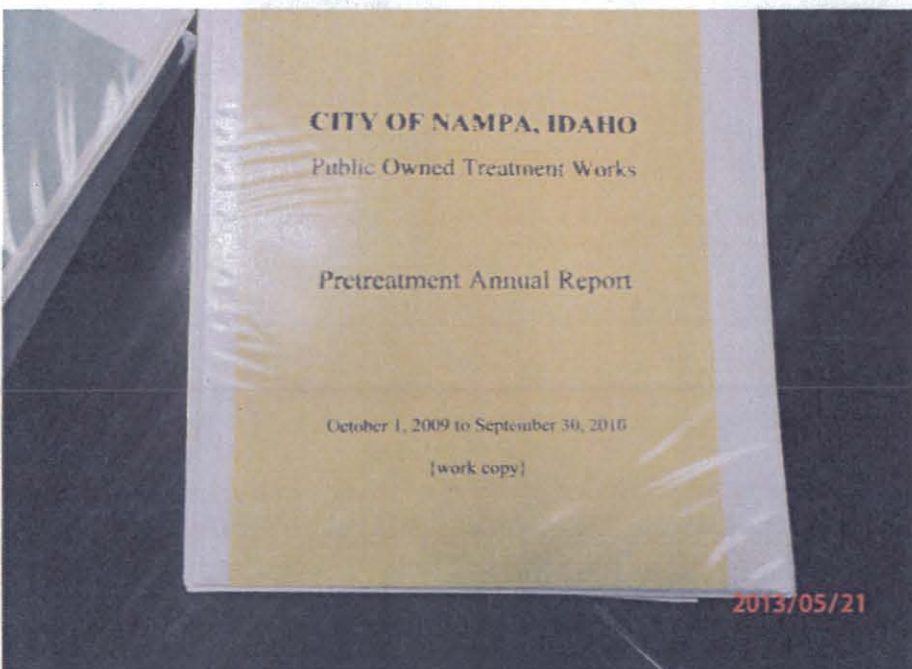
Photograph 45: Current Operation Manual



Photograph 46: Pretreatment Annual Report for October 2011 to September 2012



Photograph 47: Pretreatment Annual Report for October 2010 to September 2011



Photograph 48: Photo of Pretreatment Annual Report for October 2009 to September 2010

Calibration Record
DCCR-3

Customer: Western Washington City
100 W. Riverside St.
Bellevue, WA 98007-3741

Contact: Jim Kozell
Phone: 206-544-0540
Mobile: 206-544-0540

Tag: 2012
ID Number: 2012
Barcode: 2012012012

Manufacturer: Anton Paar
Model: 951
Serial: 951001111111

Range/Scale: 0 - 2500 GPM (1.44)
Output: 4-20 mA
Indication: 0 - 2500 GPM
Flow Element: Non-Contacted Flow Meter
Power/Supply: 24V
Procedure: CPT14

Accuracy Specification: 0.1%
Calibration Date: 6/4/12
Calibration Due: 6/4/13
Instrument Condition: Good
Environmental Conditions: 21.0°C / 69.8°F

Test Equipment	Model #	Serial #	Due Date
PLANT	725	9113048	3/11/2013
TRIMED	31125	11100106	8/10/14

Water Information

Water Width	Water Type	Water Height at Transducer	Zero Flow Level	Comments
30"	Non-Contact Flow	14.11" / 358.32"	0.100" / 2.540"	Water height as derived from the sensor

TESTED LEVEL	AS FOUND SIGNAL / INDICATED READING	ACCURACY RANGE (mA)	AS LEFT SIGNAL / INDICATED READING	RESULTS FOUND / LEFT	COMMENTS
0" (0)	3.950 mA / 0.016	3.854 - 4.046	3.950 mA / 0.016	Pass / Pass	Cal GPM: 0" = 0.0 GPM
10" (253.7)	10.550 mA / 8.14	10.450 - 10.650	10.550 mA / 8.14	Pass / Pass	Cal GPM: 10" = 825.30 GPM
17.5" (442.8)	15.450 mA / 11.441	15.307 - 15.593	15.450 mA / 11.441	Pass / Pass	Cal GPM: 17.5" = 1973.93 GPM

Yes	No	
	<input checked="" type="checkbox"/>	Instrument Tagged and Labeled
<input checked="" type="checkbox"/>		Calibration Sticker Attached
		Other

☐ Bench Calibration
☒ Field Calibration
☐ Field Checked

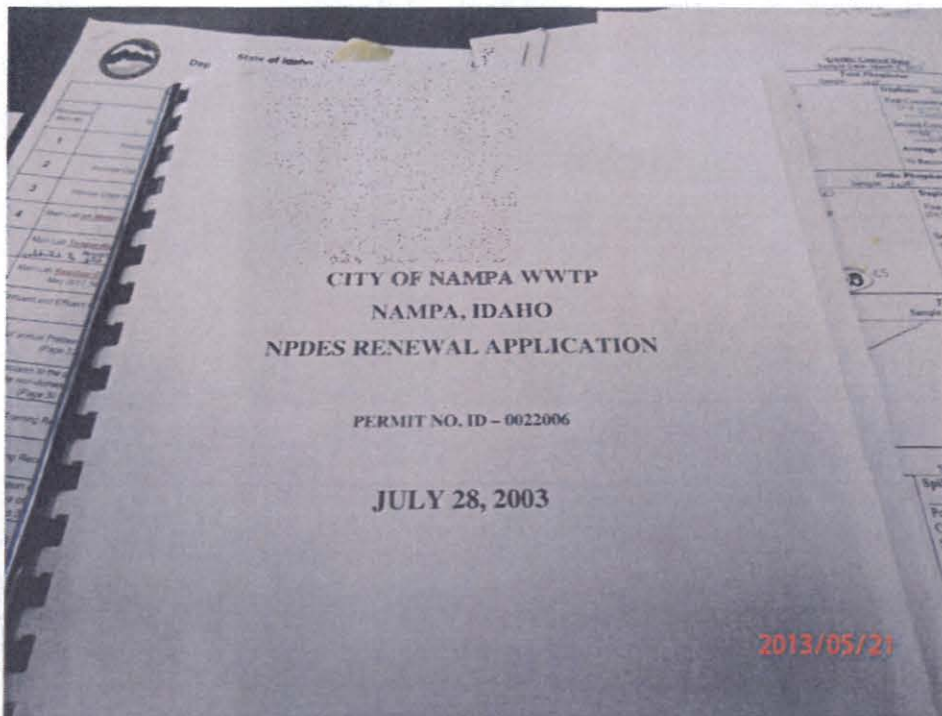
Calibration Technician: Tyler Kozell
Record Created By: Tyler Kozell
Record Reviewed By: Philip Custer

Issued by: Tyler Kozell 6/4/12
Tyler Kozell for Brett Bohannon - Quality Manager

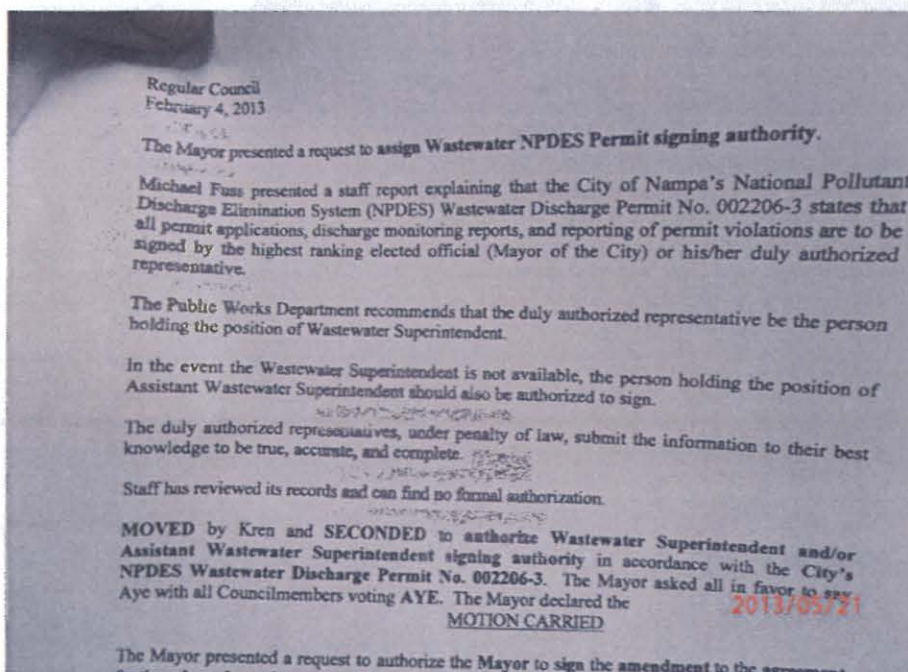
Notes: Instrument Technology Inc. certifies that the above listed instrument has been calibrated using measurement standards traceable to the National Institute of Standards and Technology (NIST) or to an accepted primary standard of measurement, or derived by the same type of self-calibration technique. The calibration complies with ISO/IEC 17025 and ANSI Z39.40-1. Complete records of work performed are maintained by Instrument Technology and are available for inspection. The reported expanded uncertainty of the measurement is stated as the standard uncertainty of the measurement multiplied by the coverage factor k, such that the coverage probability corresponds to approximately 95%. The "Pass/Fail" for each test point is determined by simple acceptance. This report may not be reproduced, except in full, without permission is obtained in writing from Instrument Technology Inc. Any number of future use of the calibration instrument to date out of calibration before the recommended interval has expired. The customer is responsible for assigning intervals.

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Photograph 49: Calibration records for the influent and effluent flow meters



Photograph 50: NPDES Reapplication submitted on July 2, 2003



Photograph 51: Copy of letter granting signatory approval for DMRs to Plant Superintendent and Asst Superintendent

CITY OF NAMPA, IDAHO - WASTEWATER DIVISION Plant Influent/Effluent/Indian Creek - Chain of Custody

Laboratory performing analyses:
Analytical Laboratories
1004 North 17th Street
Boise, ID 83703

Analyses:
BOD, COD, TSS, NH₄-N, NO₃-N, PO₄-P, pH, Temperature, Dissolved Oxygen, Total Solids, Suspended Solids, Volatile Solids, Fixed Solids, Total Phosphorus, Ammonia Nitrogen, Nitrate Nitrogen, Nitrite Nitrogen, Chloride, Sulfate, Calcium, Magnesium, Potassium, Sodium, Iron, Manganese, Zinc, Copper, Lead, Cadmium, Barium, Strontium, Selenium, Vanadium, Molybdenum, Chromium, Cobalt, Nickel, Tin, Antimony, Bismuth, Arsenic, Boron, Fluoride, Iodine, Silver, Tellurium, Beryllium, Gallium, Germanium, Arsenic, Barium, Bismuth, Boron, Cadmium, Calcium, Cobalt, Chromium, Copper, Gallium, Germanium, Iodine, Iron, Lead, Manganese, Magnesium, Molybdenum, Nickel, Nitrogen, Potassium, Selenium, Silver, Sodium, Strontium, Sulfur, Tellurium, Tin, Vanadium, Zinc, Zirconium

Sampler (print)	Sampler (signature)	Date	Time	Comp/Grab?	Sample	Initials	ANALYSIS	TEMPERATURE	PH	DO	COMMENTS
Alonso Martinez	Alonso Martinez	4/10/13	12:30	Grab	Indian Creek Downstream		X				
		4/10/13	16:56	Grab	Indian Creek Downstream		X				

Relinquished by:	Received by:	Date:	Time:
Alonso Martinez	Cassie Smith	4/10/13	08:36
Relinquished by:	Received by:	Date:	Time:
Cassie Smith		4/10/13	15:55
Relinquished by:	Received by:	Date:	Time:

Number Containers: 2

Custody Seal intact? ☒ Yes ☐ No

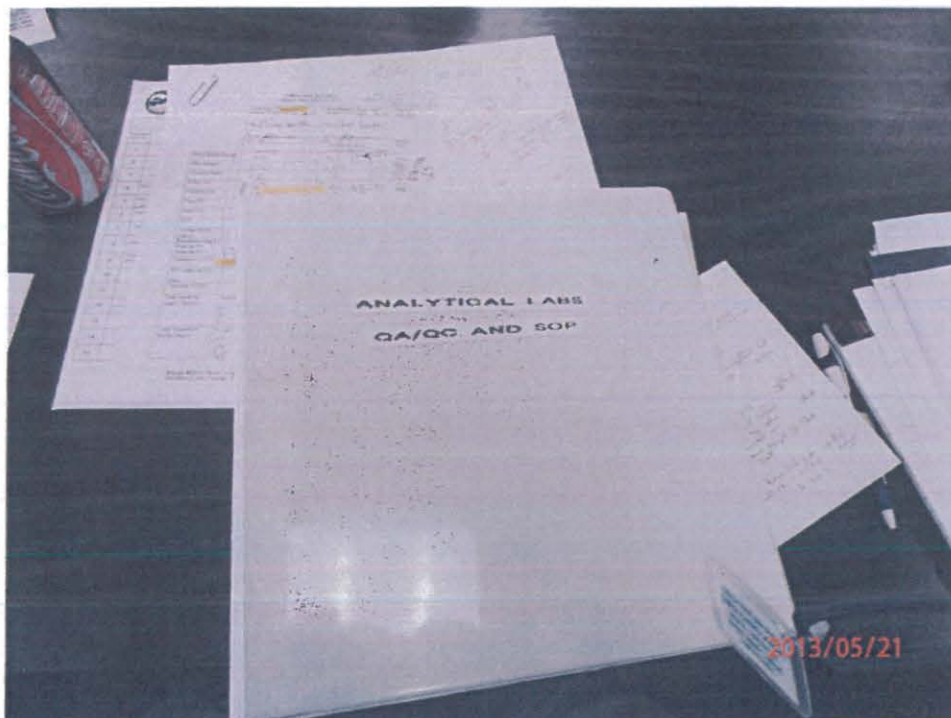
Signature matches custody seal and form? ☒ Yes ☐ No

Temp Leaving: 39°

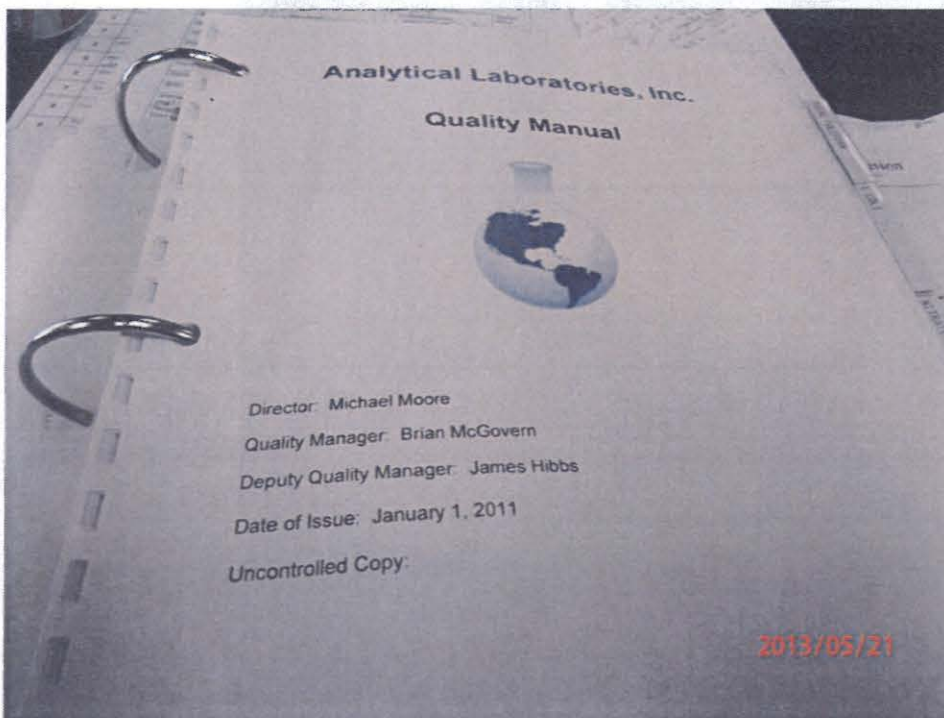
Temp Received: 1.7°

2013/05/21

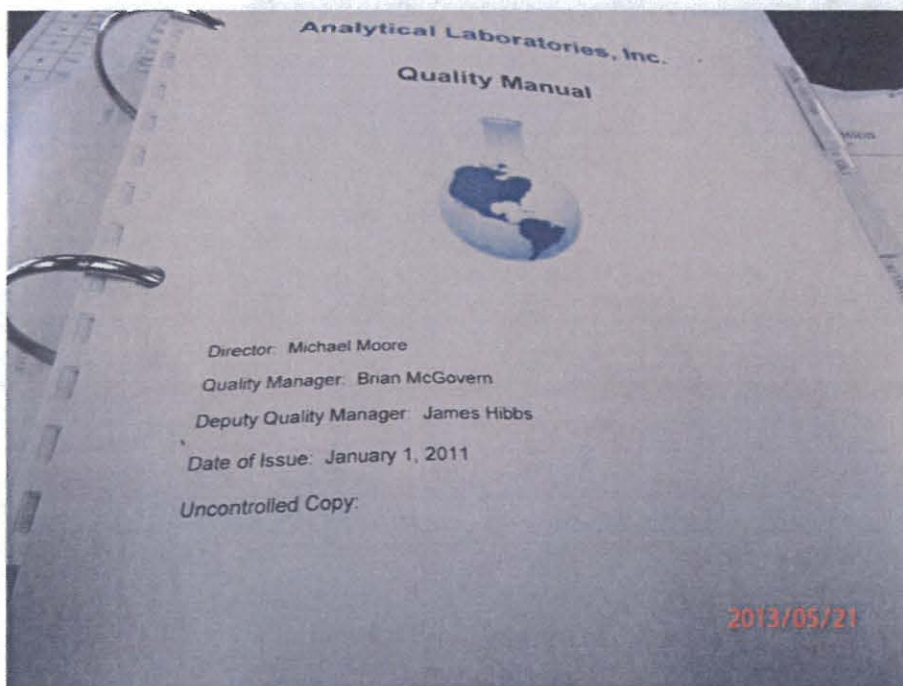
Photograph 52: Typical chain of custody form used by lab



Photograph 53: The QA plan for Analytical Labs



Photograph 54: The QA plan for Analytical Labs dated January 1, 2011



Photograph 55: The QA plan for Analytical Labs dated January 1, 2011

Nampa W W T
 4/4/2010
 Updated: 05/15/2013

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QUALITY ASSURANCE PLAN

For: City of Nampa Wastewater Division
 340 W. Railroad Street
 Nampa, Idaho 83687
 (208) 468-5840

APPROVALS:

NAME: Andy Tiller
 TITLE: Env. Asst. Superintendent
 SIGNATURE: Andy Tiller DATE: 3/20/10

NAME: Andy Tiller
 TITLE: Env. Manager
 SIGNATURE: Andy Tiller DATE: 3/24/10

NAME: Andy Tiller
 TITLE: Env. Manager
 SIGNATURE: Andy Tiller DATE: 4/5/10

NAME: Andy Tiller
 TITLE: Env. Manager
 SIGNATURE: Andy Tiller DATE: 11/9/10

NAME: Andy Tiller
 TITLE: Env. Manager
 SIGNATURE: Andy Tiller DATE: 3/8/11

2013/05/21

Photograph 56: Review and approval sheet for the QAP



Photograph 57: Upstream flow meter station on Indian Creek - under bridge on Northside Blvd.